BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

(Rev. 07/2003)

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	MAXIMIZING CAPACITANCE PER UNIT AREA WHILE MINIMIZING SIGNAL TRANSMISSION DELAY IN PCB								
Fill in Appropriate	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:								
Information -	metal and the second of the se								
For Use Without	I Inited States Appli	cation Number					as		
Specification	and amended on	cation ivalibei				(if applicable	\ and /or		
Attached:	United States Application Numberand amended onthe specification was filed on					(II applicable	and/or		
Attached:	are openication we						_ us i C i		
	International Application Numberamended on					(if applicable)			
							•		
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this								
	I hereby claim fore or inventor's certificate li	application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:							
•	Prior Foreign Applica		at winch priority is ci	anneu:		Drianita C	Taimed		
Insert Priority	Thor Poreign Applica	uori(s)				Priority C	Janneu		
Information:									
(if appropriate)	(Number)	(Country)		(Month/Day	/Year Filed)	Yes	No		
(= uppropriate)	(1 14411.501)	(Country)		(Month, Duy	, real rinea,	103	140		
	(Number)	(Country)		(Month/Day	/Year Filed)	Yes	□ No		
	(Number)	(Country)		(Month/Day	/Year Filed)	Yes	No		
	(Country)			(Month/Day/Year Filed)		163	140		
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.								
Insert Provisional	(A 1: 1: NT 1)			(F:1: B					
Application(s): (if any)	(Application Number)			(Filing D	ate)				
	(Application Number) (Filing Date)								
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
	Country	Aı	pplication Number		Date of Filing (Month	/Day/Year)			
Insert Requested Information: (if appropriate)									
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
Insert Prior U.S.			•						
Application(s): (if any)	(Application Number)	(F	iling Date)		(Status - patented, per	nding, abandone	ed)		
Page 1 of 2	(Application Number)		iling Date)		(Status - patented per	nding abandone	ed)		

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This Document is Signed	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
nsert Date This Document is Signed	Amid HASHIM	And Harl		3/4/2004			
Insert Residence Insert Citizenship →	Residence (City, State & Country)		CITIZENSHIP	?			
	Plano, Texas, USA		USA				
Insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country)						
	3900 Sundew Court, Plano, Texas 75093, USA	·		•			
Full Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
see above	Abner JOSEPH						
	Residence (City, State & Country)		CITIZENSHIP	2			
	Carmel, Indiana, USA		USA				
	MAILING ADDRESS (Complete Street Address i	ncluding City, State & Country)	٠				
	3691 Gould Drive, Carmel, IN 46033, USA						
Full Name of Third Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
see above							
	Residence (City, State & Country)	CITIZENSHIP					
	ĺ	USA					
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fourth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
see above							
	Residence (City, State & Country)	CITIZENSHIP					
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
	i e						
Full Name of Fifth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Inventor, if any: see above							
	Residence (City, State & Country)		CITIZENSHIP				
	-						
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
	, , , , , , , , , , , , , , , , , , , ,						
Full Name of Sixth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Inventor, if any: see above	GIVEN INAIVIE/ PAIVILLI INAIVIE	INVENTOR 5 SIGNATURE		DAIL			
	Residence (City, State & Country)		CITIZENSHIF				
	Residence (Chy, State & County)	CITIZENSHIP					
	MANUAL ADDRESS (Complete Street Address i	City Chata & Country	L				
	MAILING ADDRESS (Complete Street Address in	ncluding City, State & Country)					

Attorney Docket No. 4799-0112P

BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: TRUM UQY COMPLETS THE FOLLOWING P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	MAXIMIZING CAPACITANCE PER UNIT AREA WHILE MINIMIZING SIGNAL TRANSMISSION DELAY IN PCB							
Fill in Appropriate	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:							
Information -	The specification was filed on							
For Use Without	United States A	polication Num	ber				89	
Specification	and amended o	n.			····	(if applicable	Nord/or	
Attached:	the specification was filed on			(if applicable) and/or as PCT ; and was				
	International Application Number			BB PC I				
	amended on							
	I hereby state ti	nat I have review	ved and understand the co	ontents of the al	pove-identified specifi	cation, including		
	l acknowledge the duty to disclose information which is material to patentability as defined in Title 37. Code of Federal							
	Regulations, \$1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been potented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filled by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filled in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s)							
lasert Princity	Prior Foreign Application(s)					Priority Claimed		
Informetion:								
(if appropriate)	(Number)	(Country)	,	(Month/Day	y/Year Filed)	Yes	No	
					,			
	(Number)	(Country)		(Month/Day/Year Filed)		□ Yes	D ₂₀	
	(Number)	(Country)		(Month/Day/Year Filed)		Yes	□ No	
	I hereby claim the ber		35, United States Code, §1	•	•	applications(s) lis	sted below.	
insert Provisional Application(s): (if any)	(Application Number)			(Filing Date)				
	(Application Number)			(Filing Date)				
	All Foreign Application the Filing Date of This	ons, if any, for a s Application:	ny Patent or Inventor's Co	rtificate Filed M	lore than 12 Months (6 Months for Des	igns) Prior bo	
insert Requested information: (if appropriate)	Country		Application Number		Date of Filing (Mont	h/Day/Year)	_	
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application in the manner provided by the first paragraph of Title 3 Code, §112 I acknowledge the duty to disclose information which is material to the patentability as defined in Ti Federal Regulations, §1.56 which become available between the filing date of the prior application and the minternational filing date of this application.					nims of this appl	ication is not	
nsert Prior U.S.								
Application(s): if any)	(Application Number)	(Filing Date)		(Status - patented, p	ending, abandons	rd)	
Page 1 of 2 Rev. 07/2003)	(Application Number)	(Filing Date)		(Status - patented, po	ending, abandone	d)	

Attorney Docket No. 4799-0112P

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST COMPLETE THE POLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any potent issued thereon.

Pull Numer of Paret on Sole (newstar) report Sente of Theoples receit Delectric Decentrate Decentra	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
Podentile Bigged	Amid HASHIM							
meet Residence	Residence (City, State & Country)	**	CITIZENSHIP					
noort Citinamahip	Plano, Texas, USA	USA						
leazi Post Other Addres →	MAILING ADDRESS (Complete Street Address including City, State & Country)							
	3900 Sundow Court, Plano, Texas 75093, USA							
ight Norme af Berrind Ensember, if any: ner altwe	GIVEN NAME/FAMILY NAME	INVINIPRISSIGNATURE		DATE*				
	Abner JOSEPH	Willows		March 10,04				
	Residence (City, State & Country)	1	CITIZENSE	IIP				
	Carmel, Indiana, USA		USA					
	MAILING ADDRESS (Complete Street Ac	MAILING ADDRESS (Complete Street Address including City, State & Country)						
	3691. Gould Drive, Carmel, IN 46033, USA							
nill Nante of Thard Inventor, If any: ech above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
	Residence (City, State & Country)		CITIZENSH	IP .				
	, , , , , , , , , , , , , , , , , , , ,	USA						
	MAILING ADDRESS (Complete Street Ad							
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
u]] Nome of Pourts	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE				
Inventor, if any; see sinve		INVENTORS SIGNATURE		DATE				
	Residence (City, State & Country)	CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
ill Name of Fifth	CINENI NIARGE (FARGI VALANCE	(VANCOUS COMPANY COMP						
Instature, if any: abs also se	Given name/family name	Inventorsignature		DATE				
	Residence (City, State & Country)	· · · · · · · · · · · · · · · · · · ·	CITIZENSH	1.				
	MARING ADDRESS (C. 1.1.C. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.							
	MAILING ADDRESS (Complete Street Address including City, State & Country)							
II North: of State	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE				
Inversion, if Anya see above	GIVEN NAME FAMILI NAME	INVENTORS SIGNATURE		DATE				
	Residence (City, State & Country)	· · · · · · · · · · · · · · · · · · ·	CITIZENSH	ŢP				
	MAILING ADDRESS (Complete Street Address Including City, State & Country)							
	MUNICING WINKESS (Combine 20,66) At	oreso including City, State & Country)						
	L							

Page 2 of 2 (Rev. 07/2003)

*DATE OF SIGNATURE